Application Instructions for: PerA-YIP-Topic 9: New Materials with Fast Energy Release using Novel Methods (Thrust Area 4)

Average Award Amounts for PerA-YIP-Topic 9:

- Young Investigator Awards will average $100,000 per year.

****NOTE: Each pre-application white paper must address only one of the research topics detailed in the BAA for the *relevant period*. Each pre-application white paper must use the application package for the specific topic number as presented the BAA.****

DTRA will not review any of the following:
- Pre-application white papers that attempt to address multiple topics.
- Pre-application white papers that are submitted to topics from previous periods.
- Application packages and proposals for Phase II submissions that were not invited.
- Application packages submitted using the Competition ID of "Example."

Each Phase I application package contains the following form (Note: all other BAA guidelines must also be met to be considered a true complete package):

Form (Section in the BAA)	Attachment	Action
SF-424 (R&R) Application for Federal Assistance Form	Up to four (4) page white paper	Enter the appropriate information in data fields

Each Phase I application package contains the **SF 424 (R&R) Application for Federal Assistance**. To be considered a complete package, an up to four (4) page white paper is required to be uploaded as an attachment to the SF 424 (R&R) (Note: all other BAA guidelines must also be met to be considered a true complete package). DTRA-specific instructions for completing the SF 424 (R&R) Application for Federal Assistance are below, general application instructions can be found on Grants.gov:

- **Block 1 – Type of Submission.** Applicants should indicate the Phase I submission is a "Pre-Application."

- **Block 2.1 – Applicant Identifier.** Not applicable.

- **Block 3 – Date Received by State.** Not applicable.

- **Block 3.1 – State Application Identifier.** Not applicable.

- **Block 5 – Applicant Information.** You must provide a Business Office Point of Contact (BPOC) with an e-mail address.

- **Block 19 – Authorized Representative.** The "signature of AOR" is not an actual signature and is automatically completed upon submission of the electronic application package. ***Hard copies of applications will not be accepted.***

- **Block 20 – Pre-application.** Should be used to attach an up to four (4) page white paper. The white paper itself should provide sufficient information on the research being proposed (e.g., the hypothesis, theories, concepts, approaches, data measurements, and analysis, etc.) to allow for an assessment by a technical expert.

  Any pages submitted for the white paper that exceed the limit of four pages will not be read or evaluated. A page is defined as 8 1/2 x 11 inches, single-spaced, with one-inch margins in type not smaller than 12 point Times New Roman font. The white paper must be provided in portrait layout.

  At minimum, the white paper should address the following:

  - A project abstract, which should be concise (less than 250 words), provide a summary of the proposed work, and demonstrate relevance to the topic being addressed. The abstract should not contain any proprietary data or markings.

  - Potential scientific impact to provide greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts, including how the research contributes to the C-WMD science needs outlined in the topic.

  - The impact of the research on C-WMD science must be clearly delineated.

  - Cost estimate by year and total dollars required to accomplish the research as presented in the white paper (no details or breakout of costs is required).

  - Potential team and management plan, including details on student involvement.

  - Multidisciplinary white papers should carefully detail each of the institutions/departments involved and the contribution that will be made by each of the investigators.

  - Do NOT include corporate or personnel qualifications, past experience, or any supplemental information with the white paper.

  - The topic number and name should be included as a header on the white paper and in the text of the white paper.

File Format: Perform a virus check before uploading any files to Grants.gov as part of your application package. If a virus is detected, it may cause rejection of the file. Do not lock or encrypt any files you upload to Grants.gov as part of your application package. Most documents should be uploaded as a Portable Document File (PDF) format. An exception to this is the quad chart (MS PowerPoint file compatible with the most recent version of MS PowerPoint) for the Phase II submission. Movie and sound file attachments will not be accepted. All submissions must be UNCLASSIFIED.